

OCT 14 1960

Approved For Release 2003/01/30 : CIA-RDP81B00878R000600030144-9

LOCKHEED AIRCRAFT CORP.		ENGINEERING STUDY <input type="checkbox"/>	CHANGE PROPOSAL <input checked="" type="checkbox"/>		LAC -96
DATE 10-10-60		AFFECTS :	WSPO <input checked="" type="checkbox"/>	PROJECT <input type="checkbox"/>	
NAME OF MAJOR COMPONENT AIRPLANE		PART OR LOWEST SUBASSEMBLY -----		PART NO. & MODEL OR TYPE -----	
TITLE OF PROPOSAL : IMPROVED TEMPERATURE - HUMIDITY MEASURING EQUIPMENT					
NATURE OF PROPOSAL :					
SEE PAGE 2					

## REASON FOR PROPOSAL :

To provide more accurate measurement of true free air temperature and relative humidity. The new AN/AMQ-13 Vortex Psychrometer set has only recently become available for installation. The system currently in the aircraft is a modification of AN/AMQ-7 equipment.

ES	ESTIMATED COST AND TIME INVOLVED : - - -	
	ADDITIONAL FUNDING REQUIRED : - - -	
CP	ESTIMATED COST FOR KITS OR PARTS : \$1,125.00	
	ADDITIONAL FUNDING REQUIRED : None (SP-1918) Ref. LAC-83 Approval	

## ITEMS AFFECTED BY PROPOSAL :

SAFETY <input type="checkbox"/>	MISSION EFFEC- TIVENESS <input checked="" type="checkbox"/>	PERFORM- ANCE <input type="checkbox"/>	OPERATING PROCEDURE <input checked="" type="checkbox"/>	INTER CHANGE- ABILITY <input type="checkbox"/>	WEIGHT OR WEIGHT & BALANCE <input type="checkbox"/>	TOOLS & SUPPORT EQUIPMENT <input type="checkbox"/>	MAINTEN- ANCE PROCEDURE <input type="checkbox"/>	SERVICE LIFE <input type="checkbox"/>	FLIGHT MANUAL <input type="checkbox"/>	MAINTEN- ANCE MANUAL <input type="checkbox"/>
---------------------------------	--	---	--	--	---	--	--	--	---	---

EST. MAN/HRS. REQ'D. TO ACCOMPLISH CHANGE IN FIELD

SOURCE OF PARTS <del>REDOCK</del> LAC (Except for GFAE which has already been received at EAFB.)	AVAILABILITY <u>1</u> WEEKS AFTER APPROVAL STATINTL
--	--

## DISPOSITION OF SPARES AFFECTED

NONE

INITIATED BY :

APPROVED : WSPO

Approved For Release 2003/01/30 : CIA-RDP81B00878R000600030144-9

STATINTL

NATURE OF PROPOSAL:

1. Modify A/C 56-6701 (368) by replacing the existing modified AN/AMQ-7 equipment with a customer furnished AN/AMQ-13 Vortex Psychrometer Set as follows:

Remove the two AM706/AMQ-7 Amplifiers and two ID334/AMQ-7 Indicators from the Q-bay equipment rack. Modify rack as required and install the new equipment (GFAE) consisting of an AM-1546(XH-1)/AMQ-13 Electronics Control, J-1108(XH-1)AMQ-13 Interconnecting Box, ID-574(XH-1)/AMQ-13 Temp. Ind., and ID-575(XH-1)AMQ-13 Humidity Ind. Replace the existing lower hatch probe with the new ML-520(XH-1)AMQ-13 Probe (CFE). Install new wiring and connectors as necessary with the Q-bay.

2. Aircraft modification will be accomplished at Burbank during periodic inspection of the aircraft at EAFB. The removable rack will be returned to Burbank to allow modification.
3. No Service Bulletins required; changes to be accomplished by Engineering Drawing Release.